

# Habitat Model for Species: Gray Treefrog

*Hyla versicolor*

[Distribution Map](#)  
[Habitat Map](#)

## Landcover Category

### **0 - Comments**

Clarke et al., 1958

Linsdale, 1927

Fitch, 1956

[#KS GAP]  
[#Reviewer]

### **Habitat Restrictions**

Map 30 m edge.

### **Comments**

Lyon Co., Kansas Occurred occasionally; found in wooded and urban areas.

Study in Doniphan Co., KS. Described as calling on the timbered bluff (no tree species given).

Study in Douglas Co., KS. Often seen in quarry in small holes and niches in the limestone.

Fitch: The woodland is a mixture of climax and seral species with shagbark hickory, oaks (black and chestnut), elms, hackberry, ash, and walnut. Often at woodland

### **01 - Maple-Basswood Forest**

Trowbridge, 1937

Study in OK. Majority of specimens taken from crotches of trees or under bark. Selected based on "woods" or "forest" in the habitat section and presence of selected habitat in species range in KS.

### **02 - Oak-Hickory Forest**

Trowbridge, 1937

Study in OK. Majority of specimens taken from crotches of trees or under bark. Selected based on "woods" or "forest" in the habitat section and presence of selected habitat in species range in KS.

Bragg, 1943

Study in OK. Common in dry woodlands and savannahs around temporary pools in addition to those near ravines and water courses. Selected based on "woodland" and "savannah" in Habitat and "Quercus" in Dominant

### **03 - Post Oak-Blackjack Oak Forest**

Trowbridge, 1937

Study in OK. Majority of specimens taken from crotches of trees or under bark. Selected based on "woods" or "forest" in the habitat section and presence of selected habitat in species range in KS.

### **04 - Pecan Floodplain Forest**

Trowbridge, 1937

Study in OK. Majority of specimens taken from crotches of trees or under bark. Selected based on "woods" or "forest" in the habitat section and presence of selected habitat in species range in KS.

### **05 - Ash-Elm-Hackberry Floodplain Forest**

Lannoo et al., 1994

Study in Dickinson County, Iowa. Selection of alliances based on Soil (glacial, poorly drained) and Habitat (pothole, temporary wetland) terms, when habitat occurred in both Iowa and Kansas.

Trowbridge, 1937

Study in OK. Majority of specimens taken from crotches of trees or under bark. Selected based on "woods" or "forest" in the habitat section and presence of selected habitat in species range in KS.

Dice, 1923

Study in Riley Co., KS. Species found in valley forest community. Selected based on "Ulmus" in Dominant Vegetation and presence of selected habitat in study area.

## **06 - Cottonwood Floodplain Forest**

Lannoo et al., 1994

Trowbridge, 1937

Clarke, 1958

Study in Dickinson County, Iowa. Selection of alliances based on Soil (glacial, poorly drained) and Habitat (pothole, temporary wetland) terms, when habitat occurred in both Iowa and Kansas.

Study in OK. Majority of specimens taken from crotches of trees or under bark. Selected based on "woods" or "forest" in the habitat section and presence of selected habitat in species range in KS.

Osage Co., KS. A "semi-aquatic" species. Terms from description of communities along watercourses. Selected based on "Populus" or "Salix" in Dom. Veg. and "Carex" and "Polygonum" in Other Veg. and occurrence of selected habitats in the study area.

## **07 - Mixed Oak Floodplain Forest**

Trowbridge, 1937

Study in OK. Majority of specimens taken from crotches of trees or under bark. Selected based on "woods" or "forest" in the habitat section and presence of selected habitat in species range in KS.

## **08 - Bur Oak Floodplain Woodland**

Clarke, 1958

Fitch, 1956

Bragg, 1943

Fitch, 1958

Osage Co., KS. Also a "Oak-Walnut Hillside" species. Selected based on "Quercus" in Dom. Veg. and "Juglans" in Other Veg. and occurrence of selected habitat in the study area.

Study in Douglas Co., KS. Several heard calling at different places in the woods. Based on "woodland" in the habitat section and presence of habitat in study area.

Study in OK. Common in dry woodlands and savannahs around temporary pools in addition to those near ravines and water courses. Selected based on "woodland" and "savannah" in Habitat and "Quercus" in Dominant

Study in Douglas Co., KS. Adults disperse to woodlands after breeding. Based on "woodland" in the Habitat category and presence of selected habitat in study area.

## **09 - Mixed Oak Ravine Woodland**

Dice, 1923

Fitch, 1956

Bragg, 1943

Fitch, 1958

Study in Riley Co., KS. Species found in valley forest community. Selected based on "Quercus" in Dominant Vegetation and "Ulmus" in the Other Vegetation and presence of selected habitat in study area.

Study in Douglas Co., KS. Several heard calling at different places in the woods. Based on "woodland" in the habitat section and presence of habitat in study area.

Study in OK. Common in dry woodlands and savannahs around temporary pools in addition to those near ravines and water courses. Selected based on "woodland" and "savannah" in Habitat and "Quercus" in Dominant

Study in Douglas Co., KS. Adults disperse to woodlands after breeding. Based on "woodland" in the Habitat category and presence of selected habitat in study area.

## **10 - Post Oak-Blackjack Oak Woodland**

Bragg, 1943

Study in OK. Common in dry woodlands and savannahs around temporary pools in addition to those near ravines and water courses. Selected based on "woodland" and "savannah" in Habitat and "Quercus" in Dominant

### **11 - Cottonwood Floodplain Woodland**

Clarke et al., 1958

Trowbridge, 1937

Gloyd, 1932

Clarke, 1958

Fitch, 1956

Fitch, 1958

Lyon Co., Kansas. Selected based on "wooded" in Habitat section and occurrence of habitat in species range.

Study in OK. Majority of specimens taken from crotches of trees or under bark. Selected based on "woods" or "forest" in the habitat section and presence of selected habitat in species range in KS.

Study in Miami Co., KS. Large aggregation of breeding frogs found in wooded swamp. Selected based on "wooded floodplain" or "swamp" in Habitat category and presence in species range.

Osage Co., KS. A "semi-aquatic" species. Terms from description of communities along watercourses. Selected based on "Populus" or "Salix" in Dom. Veg. and "Carex" and "Polygonum" in Other Veg. and occurrence of selected habitats in the study area.

Study in Douglas Co., KS. Several heard calling at different places in the woods. Based on "woodland" in the habitat section and presence of habitat in study area.

Study in Douglas Co., KS. Adults disperse to woodlands after breeding. Based on "woodland" in the Habitat category and presence of selected habitat in study area.

### **15 - Buttonbush (Swamp) Shrubland**

Trowbridge, 1937

Gloyd, 1932

Study in OK. Majority of specimens taken from crotches of trees or under bark. Selected based on "woods" or "forest" in the habitat section and presence of selected habitat in species range in KS.

Study in Miami Co., KS. Large aggregation of breeding frogs found in wooded swamp. Selected based on "wooded floodplain" or "swamp" in Habitat category and presence in species range.

### **31 - Freshwater Marsh**

Gloyd, 1928

Study in Franklin Co., KS. Calling in small cattail and sedge marsh. Selected based on "marsh" in the Habitat category, presence of cattails, and presence of habitat in

### **33 - Cattail Marsh**

Gloyd, 1928

Study in Franklin Co., KS. Calling in small cattail and sedge marsh. Selected based on "marsh" in the Habitat category, presence of cattails, and presence of habitat in

Lannoo et al., 1994

Study in Dickinson County, Iowa. Selection of alliances based on Soil (glacial, poorly drained) and Habitat (pothole, temporary wetland) terms, when habitat occurred in both Iowa and Kansas.

### **51 - Maple Floodplain Forest**

Trowbridge, 1937

Study in OK. Majority of specimens taken from crotches of trees or under bark. Selected based on "woods" or "forest" in the habitat section and presence of selected habitat in species range in KS.

### **55 - Deciduous Woodland**

Fitch, 1956

Study in Douglas Co., KS. Several heard calling at different places in the woods. Based on "woodland" in the habitat section and presence of habitat in study area.

Fitch, 1958

Study in Douglas Co., KS. Adults disperse to woodlands after breeding. Based on "woodland" in the Habitat category and presence of selected habitat in study area.

## **82 - Water (Lake)**

Lannoo et al., 1994

Gloyd, 1932  
Linsdale, 1927  
Fitch, 1956  
Fitch, 1958

[#KS GAP]

Map 30 m edge.

Study in Dickinson County, Iowa. Selection of alliances based on Soil (glacial, poorly drained) and Habitat (pothole, temporary wetland) terms, when habitat occurred in both Iowa and Kansas.

Study in Miami Co., KS. Scattered along edge of open  
Study in Doniphan Co., KS. Calling near lake in study  
Study in Douglas Co., KS. Chorus at pond after dark.  
Study in Douglas Co., KS. Appears to require semi-permanent pools with mud bottoms and weedy

## **82 - Water (River)**

Dice, 1923

Bragg, 1943  
[#KS GAP]

Map 30 m edge.

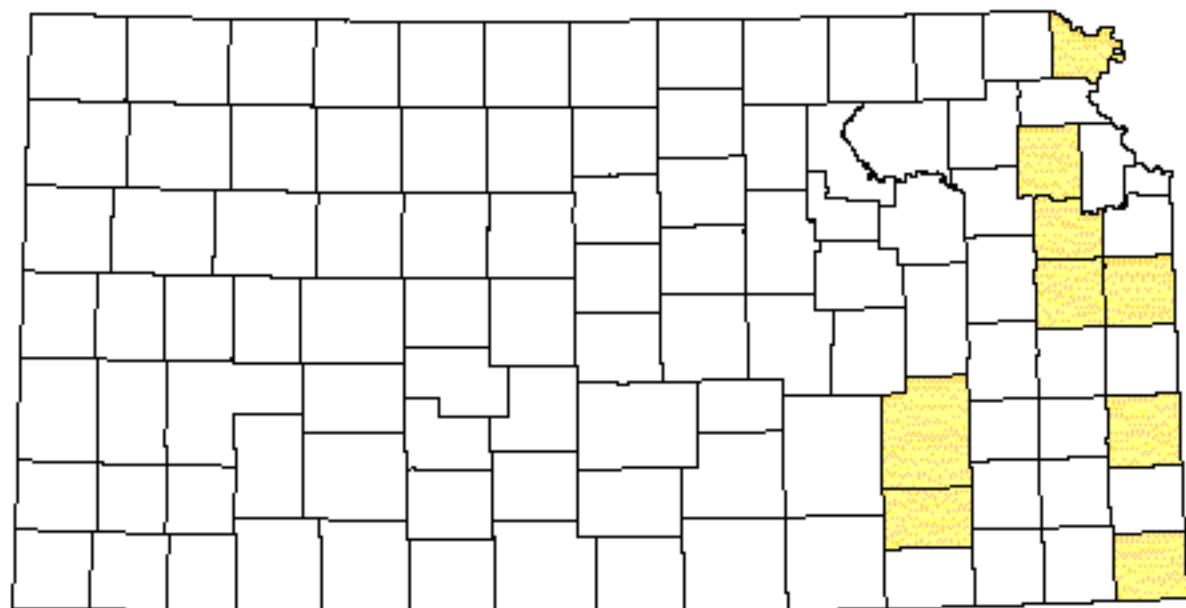
Study in Riley Co., KS. Species found also found in aquatic and shore communities. This includes the Kansas River, sloughs along stream, creeks, small streams or ditches, and ravines, and the muddy gravelly shores along these aquatic habitats.


Study in OK. Present along wooded water courses.

### Reference List

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# Gray Treefrog



 Range from Collins, 1993

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